

APPENDIX B

Brochure entitled "RB2212 Base  
Radio Transceiver" (Two Sides)  
Copyright 1987, 1990 by Norand Corporation

70 32 1303 = 674 432 265 470



## RB2212 Base Radio Transceiver

### The NORAND® RB2212 Base Radio Transceiver is the Wireless Interface to Your Host Computer

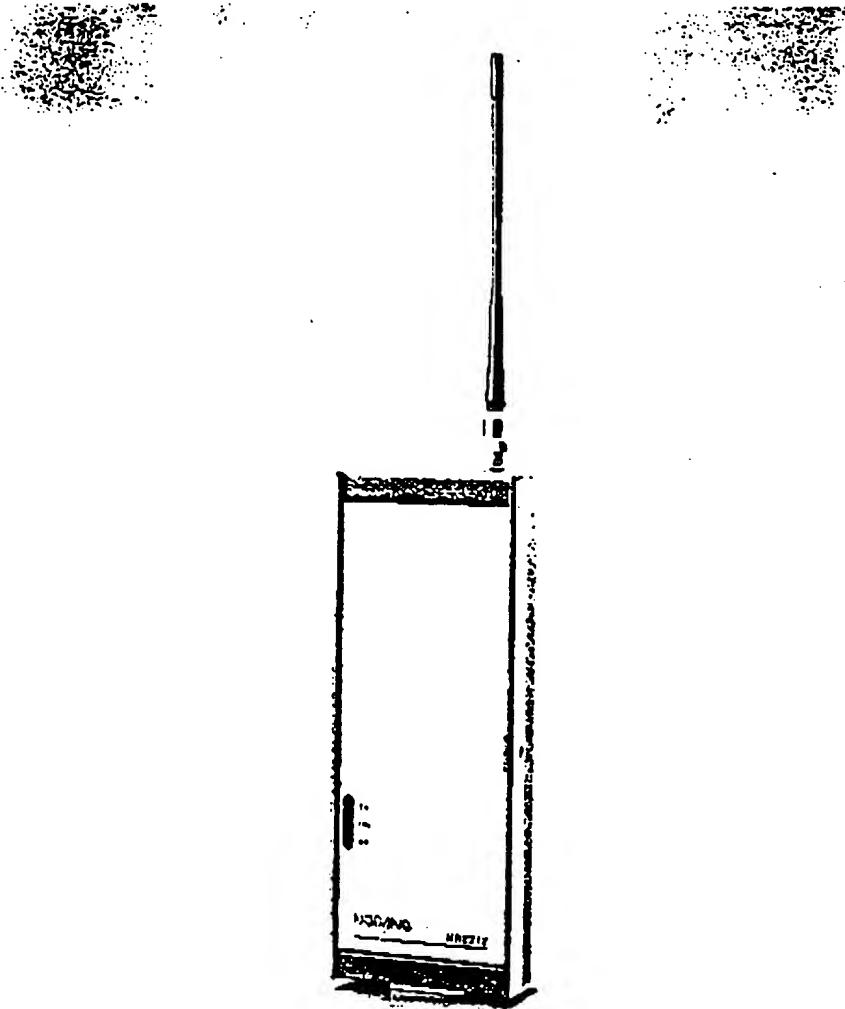
Portable radio data terminals constitute the latest technological advance in the utilization of computer power. Radio terminals add a new dimension to computers by extending their power to control transactions where they occur. But utilization of radio terminals can only be successful if communications with the host computer are reliable. The RB2212 Base Radio Transceiver from Norand is designed to provide a radio communication link as reliable as a direct cable connection to your host computer.

To accomplish this, we designed the base transceiver with a high-performance, digital data radio instead of modifying a radio designed for voice communications. This ensures high-speed, reliable data communications between the host computer and the radio data terminals. And the RB2212 is designed to operate in rugged environments, allowing an extended range of radio communications beyond the point where modified voice radios will fail.

Add up the features and you'll understand why the RB2212 and all of the radio data products from Norand set the industry standard for performance and reliability.

#### FEATURES:

- High-performance radio designed for data communications
- Operational status indicators
- High-speed radio communications
- System compatibility with all NORAND® RF hand-held terminals



- The Radio Data Network

The NORAND® RB2212 Base Radio Transceiver is a component of a complete radio data network. The network consists of a communications multiplexer, the RB2212 Base Radio Transceiver, and up to 16 radio data terminals. The radio data network extends your computing power by providing interactive communications between the host computer and the remote areas of your facility.

The portable element of the radio data network is the radio data terminal. Terminals are carried throughout your facility to put the power of your host computer where the action is.

The terminals communicate with the host computer via the RB2212 Base Radio Transceiver and the communications multiplexer. The RB2212 is the radio link to the terminals, utilizing a high-performance digital data radio to ensure reliable communications.

The RB2212 is controlled by the communications multiplexer, which manages the network communications and direct data transfer between the terminals and the host computer. The communications multiplexer communicates with the host computer via an RS232 interface cable.

## RB2212 Base Radio Transceiver SPECIFICATIONS

### Product Features:

Indicators: Light Emitting Diode (LED) indicators reflect transceiver status (TXD [transceiving], RXD [receiving])

Case: Two-toned (industrial dark gray and industrial light gray) aluminum wall-mounted case provides excellent electrical shielding and ground plane for the radio

### Radio Characteristics:

Radio Transceiver: Compact, high-performance digital data radio

Radiated Power: 2 watts nominal

Frequency Range: 450 to 470 MHz

### Physical Dimensions:

Size: 3.3" x 1.6" x 15.3" (LWH)  
(8.4cm x 4.1cm x 38.9cm)

Weight: 1.4 pounds (0.6kg)

### Environmental Characteristics:

#### Temperature:

Operating: 14° to 122°F  
(-10° to 50°C)

Storage: -22° to 158°F  
(-30° to 70°C)

Humidity: 10 to 90% noncondensing

Altitude: To 10,000 feet  
(3,048 meters) above sea level

**NORAND®**  
DATA SYSTEMS

Norand Corporation  
550 Second Street S.E.  
Cedar Rapids, Iowa 52401  
Phone: 319/369-3156  
1-800-553-5971 toll free (ext. 3156)

Norand Data Systems, Ltd.  
951 Denison Street  
Unit #4  
Markham, Ontario  
Canada L3R 3W9  
Phone: 416-477-1818

Norand (U.K.) Ltd.  
5 Bennet Court  
Bennet Road  
Reading, Berkshire RG2 0QX  
England  
Phone: (44) 734-861221

\* Trademark registered or applied for in countries of the world by Norand Corporation, Cedar Rapids, Iowa, U.S.A.  
© Norand Corporation 1987, 1990.  
All rights reserved.  
960-323-007 Printed in U.S.A.

In a continuing effort to improve our products, Norand Corporation reserves the right to change specifications and features without prior notice.

### Radio Data Network Flow

